

American Beauty

ELECTRIC SOLDERING IRONS

Embodied in these Electric Soldering Irons are those features of construction and design that specialized experience—since 1894—has demonstrated to be desirable for efficient and lasting service. Hundreds of thousands are in use throughout the world in a wide variety of manufacturing plants; in service, maintenance and repair shops; Army and Navy Services; in telephone, telegraph and radio stations. Because of their proven efficiency and durability, they are preferred by those who measure the value of a tool by the service it renders.

RELATIVE SIZES AND SPECIFICATIONS

No. 3138—Primarily adapted for light work—radio, telephone, telegraph, ignition, factory and production work of a light nature; for telephone installation and switchboard work, etc.

No. 3158—For the same purposes as No. 3138 and for work of a heavier nature. Used by electric starter and ignition manufacturers for repair work and other purposes where more heat is needed.

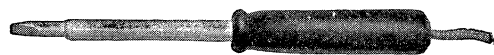
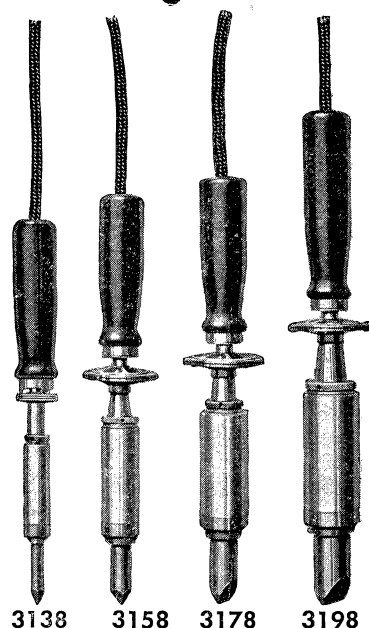
No. 3178—For use on still heavier work; for light commutators and service and production work. A very useful iron for general purposes.

No. 3198—For heavy work of all kinds. Supplies a very large volume of heat at high temperature. Used by manufacturers in many different lines; for shop, service, production work, etc.

Each iron is equipped with a baffle plate, at the shank, to prevent free conduction of heat to handle.

Made in all standard voltages and for 32 volts. No. 3138 also made for 12 and 24 volts. All can be equipped with three-conductor cord, one wire grounded, at slight additional charge.

Separate heat-insulating stand supplied with each iron.



head, on which the tip screws with taper fit. An efficient and serviceable tool that will give satisfaction when used on the light work for which it is intended. Made in all standard voltages.

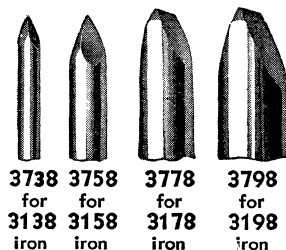
No. S-76—A special, light, compact iron designed for light work. It heats up quickly and consumes only 50 watts. Its construction is somewhat different from that of the standard irons, having a specially treated copper core, with light metal

SPECIFICATIONS

Cat. No.	Diameter of Tip	Watts	Net Weight	Length Over All	Diameter Over All	Approx. Ship. Wt.	List Price	Net Price
3138	3/8"	100	16 oz.	12 7/8"	7/8"	2 lbs.	\$8.00	\$5.36
3158	5/8"	200	28 oz.	13 3/8"	1 1/4"	3 lbs.	9.60	6.41
3178	7/8"	300	42 oz.	14 3/8"	1 9/16"	4 lbs.	12.90	8.59
3198	1 1/8"	550	60 oz.	15"	1 3/4"	5 3/4 lbs.	16.80	11.18
S-76	1/16"	50	6 oz.	11 5/8"	5/8"	14 oz.	5.00	3.34

American Beauty COPPER TIPS

These copper tips are made of commercially pure, drawn bar, copper rod. Each tip is designed to fit into and to the full length of core of heating unit of the particular iron for which it is intended. Maximum area of contact between tip and heating unit is thus assured. Tips are of uniform diameter throughout their entire length and are not made with enlarged heads because this does not increase the capacity of a soldering iron. Tip is held in place in core of heating unit by a recessed set-screw. Removal for cleaning or replacement is therefore easy. Standard shaped tips with which the various models are equipped are shown in illustration but pyramidal, instead of chisel type, and vice versa can be supplied when so specified without additional charge. For No. 3138 a special, long, semi-chisel shaped tip can also be supplied for telephone and switchboard work.



American Beauty

TEMPERATURE REGULATING STANDS

For use on (AC) Alternating Current Only

This is a thermostatically controlled device for the regulation of the temperature of an electric soldering iron while at rest. When placed on this stand, soldering iron is maintained at working temperature, ready for instant use or, if desired, at a lower temperature. Through an adjustment on bottom of the stand, thermostat may be set for the maintenance of any desired temperature—from very low, or warm, to full working temperature. Body of stand is of molded plastic. Soldering iron cradle proper is of metal. Stand is equipped with cord and attachment plug-cap for connection to current and with a receptacle for connection of the electric soldering iron. It is designed for use with electric soldering irons up to 660 watts capacity and on circuits up to 240 volts.

Cat. No.	Net Weight	List Price	Net Price
475	27 oz.	\$5.50	\$3.88

